ELSEVIER

Gene Structure and Expression

Vol. 1352, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Cumulative Contents

Information for Contributors *vii*

Short sequence-papers

The complete amino acid sequence of human placental oxytocinase
P.G. Laustsen, T.E. Rasmussen, K. Petersen, S. Pedraza-Diaz, S.K. Moestrup, J. Gliemann, L. Sottrup-Jensen and T. Kristensen (Denmark) 1

A second type of rod opsin cDNA from the common carp (*Cyprinus carpio*)
J. Lim, J.-L. Chang and H.-J. Tsai (Taiwan) 8

cDNA cloning of two closely related forms of human germ cell nuclear factor (GCNF)
M. Kapelle, J. Krätzschmar, M. Husemann and W.-D. Schleuning (Germany) 13

Cloning and sequencing of the gene encoding the high potential iron-sulfur protein (HiPIP) from the purple sulfur bacterium *Chromatium vinosum*
T. Brüser, H.G. Trüper and C. Dahl (Germany) 18

Expression cloning and intracellular localization of a human ZF5 homologue
K. Sugiura, Y. Muro, Y. Nagai, T. Kamimoto, T. Wakabayashi, M. Ohashi and M. Hagiwara (Japan) 23

Coactivation of human α1- and α2-globin genes in single induced MEL cells containing one human α-globin locus
C. Espéret, J. Starck, J. Godet and F. Morlé (France) 27

Review

Structure and functional properties of mouse VL30 retrotransposons
N.S. French and J.D. Norton (UK) 33

Regular papers

Cloning of two splicing variants of the novel Ras-related GTPase Rab29 which is predominately expressed in kidney
S. Maßmann, A. Schürmann and H.-G. Joost (Germany) 48

Gene from tropical *Bacillus sphaericus* encoding a protease closely related to subtilisins from Antarctic bacilli
M.R. Wati, T. Thanabalu and A.G. Porter (Singapore) 56

Cloning and characterization of the gene encoding a mitochondrially localized DNA topoisomerase II in *Dictyostelium discoideum*. Western blot analysis
K. Komori, K. Kuroe, K. Yanagisawa and Y. Tanaka (Japan) 63

The regulation of the vanadium chloroperoxidase from *Curvularia inaequalis*
P. Barnett, D.L. Kruitbosch, W. Hemrika, H.L. Dekker and R. Wever (The Netherlands) 73

Molecular cloning of a cDNA encoding the nucleosome core histone H3 from *Dictyostelium discoideum* by genetic screening in yeast
M. Bukenberger, J. Horn, T. Dingermann, R.P. Dottin and T. Winckler (USA, Germany) 85

Mechanistic studies of the translational elongation cycle in mammalian mitochondria
V.L. Woriax, J.M. Bullard, L. Ma, T. Yokogawa and L.L. Spremulli (USA, People's Republic of China, Germany) 91

Expression of bovine mitochondrial elongation factor Ts in *Escherichia coli* and characterization of the heterologous complex formed with prokaryotic elongation factor Tu
H. Xin, K. Leanza and L.L. Spremulli (USA) 102

Cloning of poly(3-hydroxybutyrate) depolymerase from a marine bacterium, *Alcaligenes faecalis* AE122, and characterization of its gene product
K. Kita, S.-i. Mashiba, M. Nagita, K. Ishimaru, K. Okamoto, H. Yanase and N. Kato (Japan) 113

Information for Contributors *vii*

Short sequence-papers and promoter papers

Localization and intron usage analysis of the human *CPT1B* gene for muscle type carnitine palmitoyltransferase I
F.R. Van der Leij, J. Takens, A.Y. Van der Veen, P. Terpstra and J.R.G. Kuipers (The Netherlands) 123

A new functional isoform of the human CRF_2 receptor for corticotropin-releasing factor
O. Valdenaire, T. Giller, V. Breu, J. Gottowik and G. Kilpatrick (Switzerland) 129

Cloning and expression analysis of mouse *Cclp1*, a new gene encoding a coiled-coil-like protein
K. Noben-Trauth, J.K. Naggert and P.M. Nishina (USA) 133

Structural analysis of a bovine arginine $tRNA_{CCG}$ gene
A.C. Eubanks, M.J. Roeder, I.L. Pirtle and R.M. Pirtle (USA) 138

Isolation of a novel cDNA whose corresponding mRNA is accumulated in growth-arrested confluent but not in growing sub-confluent rat 3Y1 cells
Y. Hayashi, T. Kiyono, M. Fujita and M. Ishibashi (Japan) 145

Molecular cloning of cDNA encoding the c-kit receptor of Shiba goats and a novel alanine insertion specific to goats and sheep in the kinase insert region
S. Tanaka, N. Yanagisawa, H. Tojo, Y.-J. Kim, T. Tsujimura, Y. Kitamura, T. Sawasaki and C. Tachi (Japan) 151

The sequence of a cDNA encoding functional murine C1-inhibitor protein
J.A. Russell, K. Whaley and S. Heaphy (UK) 156

Identification and analysis of the *rpoS*-dependent promoter of *katE*, encoding catalase HPII in *Escherichia coli*
K. Tanaka, K. Handel, P.C. Loewen and H. Takahashi (Japan, Canada) 161

Sequencing of the human vascular endothelial growth factor (VEGF) 3′ untranslated region (UTR): conservation of five hypoxia-inducible RNA-protein binding sites
N.S. Levy, M.A. Goldberg and A.P. Levy (USA) 167

Review

Nuclear genes for cytochrome *c* oxidase
L.I. Grossman and M.I. Lomax (USA) 174

Regular papers

Green fluorescent protein as a reporter of gene expression in transgenic mice
A. Chiocchetti, E. Tolosano, E. Hirsch, L. Silengo and F. Altruda (Italy) 193

A novel type of dimerization motif, related to leucine zippers, is present in plant homeodomain proteins
C.M. Palena, R.L. Chan and D.H. Gonzalez (Argentina) 203

Identification of processes that influence negative supercoiling in the human c-*myc* gene
S. Wölfl, B. Wittig, T. Dorbic and A. Rich (USA, Germany) 213

Molecular cloning of cDNAs for mouse low-molecular-weight and high-molecular-weight prekininogens
M. Takano, J. Kondo, K. Yayama, M. Otani, K. Sano and H. Okamoto (Japan) 222

Corrigendum

Corrigendum to "Molecular cloning of a novel ADP-ribosylation factor (ARF) expressed in planarians" [Biochim. Biophys. Acta 1309 (1996) 205–210]
O. Saitoh, T. Oshima, K. Agata, K. Watanabe and H. Nakata (Japan) 231

Information for Contributors *vii*

Short sequence-papers

Molecular cloning and sequencing of the cDNA encoding the catalytic subunit of mouse glutamate-cysteine ligase
L.L. Reid, D. Botta, Y. Lu, E.P. Gallagher and T.J. Kavanagh (USA) 233

Structure of the promoter for the rat Fas antigen gene
K. Kimura, K. Asami and M. Yamamoto (Japan) 238

Cloning and analysis of the *dnaG* gene encoding *Pseudomonas putida* DNA primase
P. Szafranski, C.L. Smith and C.R. Cantor (USA) 243

Cloning and sequence analysis of human calcyphosine complementary DNA
H. El Housni, A. Radulescu, R. Lecocq, J.E. Dumont and D. Christophe (Belgium) 249

Sequence polymorphism and structural analysis of timothy grass pollen profilin allergen (Phl p 11)
J.A. Asturias, M.C. Arilla, B. Bartolomé, J. Martínez, A. Martínez and R. Palacios (Spain) 253

Regular papers

The cloning and overexpression of a cruciform binding protein from *Ustilago maydis*
S. Dutta, D.L. Gerhold, M. Rice, M. Germann and E.B. Kmiec (USA) 258

Characterization and sequence of an additional 15-lipoxygenase transcript and of the human gene
M.R. Kritzik, A.F. Ziober, S. Dicharry, D.J. Conrad and E. Sigal (USA) 267

Complete cDNAs for CDC42 from chicken cochlea and mouse liver
T.-W.L. Gong, J.J. Shin, M. Burmeister and M.I. Lomax (USA) 282

Regulation of expression of the human heme oxygenase-1 gene in transfected chick embryo liver cell cultures
T.-H. Lu, J.A. Pepe, O.S. Gildemeister, R.M. Tyrrell and H.L. Bonkovsky (USA, Switzerland) 293

CpG island methylation and promoter usage in the parathyroid hormone-related protein gene of cultured lung cells
R.H. Ganderton and R.S.J. Briggs (UK) 303

Promoter of the Na,K-ATPase $\alpha 3$ subunit gene is composed of *cis* elements to which NF-Y and Sp1/Sp3 bind in rat cardiocytes
Y. Murakami, U. Ikeda, K. Shimada and K. Kawakami (Japan) 311

Up-regulation of nuclear genes in response to inhibition of mitochondrial DNA expression in chicken cells
H. Wang and R. Morais (Canada) 325

Cumulative Contents, Vol. 1352 335

Author Index 338